

APPLICANT: T. YOSHIOKA et al
FILED: July 24, 2001 Allowed Dec 23, 2003
S.N. 09/910,792 CONFIRM NO. 3010
SHEET 1 OF 22 Tel. 703-521-2297
Young & Thompson



1 / 22

FIG.1A

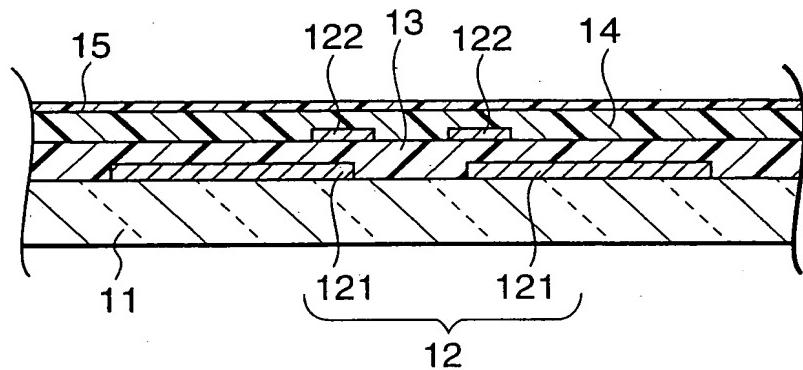
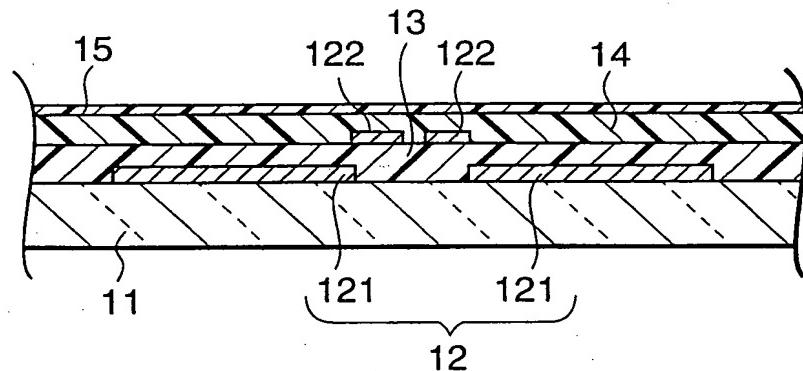


FIG.1B





APPLICANT: T. YOSHIOKA et al
FILED: July 24, 2001 Allowed Dec 23, 2003
S.N. 09/910,792 CONFIRM NO. 3010
SHEET 2 OF 22 Tel. 703-521-2297
Young & Thompson

2 / 22

FIG.2A

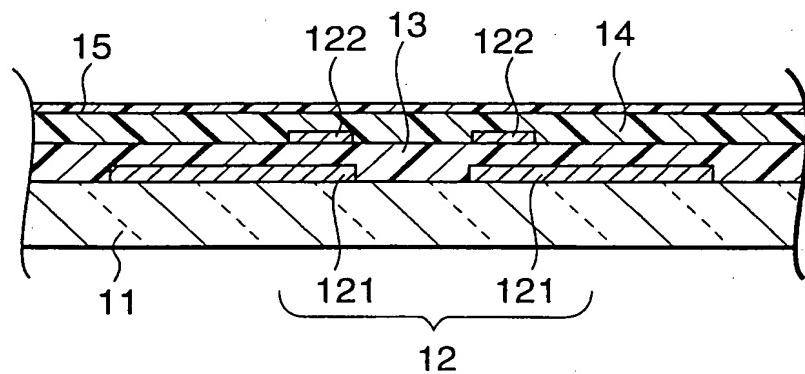


FIG.2B

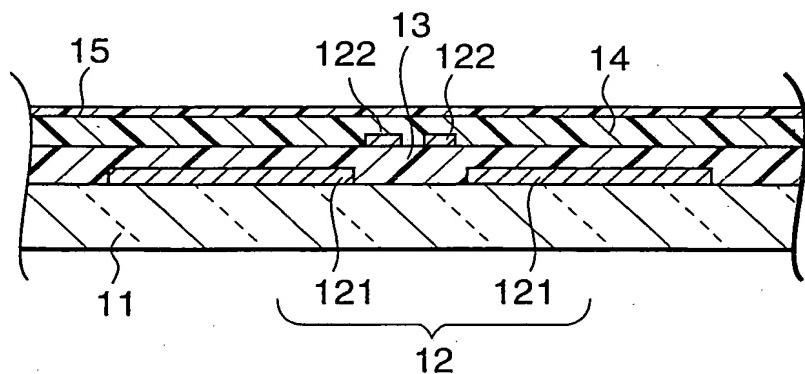
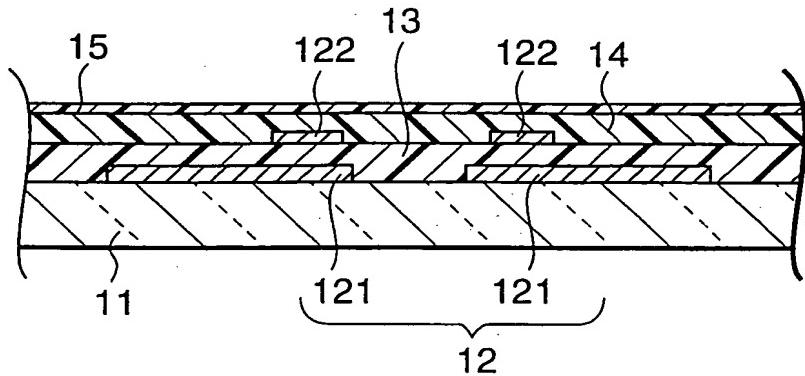


FIG.2C





APPLICANT: T. YOSHIOKA et al
FILED: July 24, 2001 Allowed Dec 23, 2003
S.N. 09/910,792 CONFIRM NO. 3010
SHEET 3 OF 22 Tel. 703-521-2297
Young & Thompson

3 / 22

FIG.3A

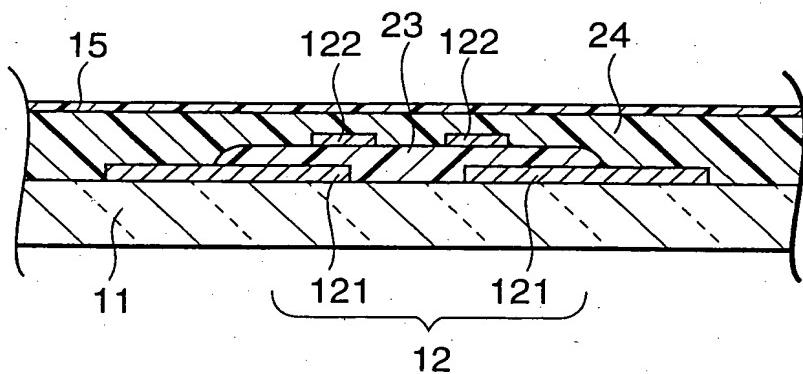
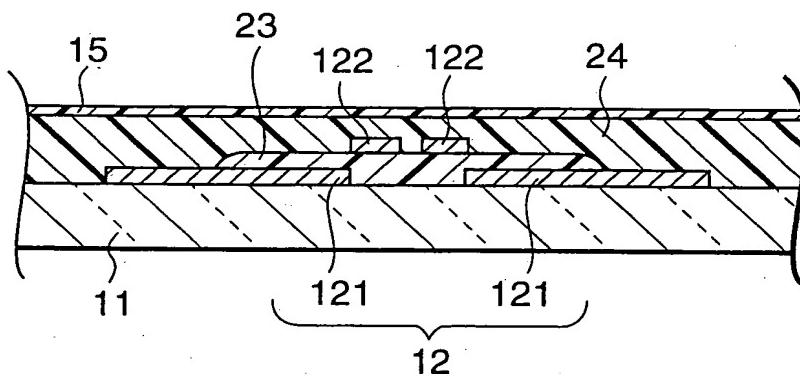


FIG.3B





APPLICANT: T. YOSHIOKA et al
FILED: July 24, 2001 Allowed Dec 23, 2003
S.N. 09/910,792 CONFIRM NO. 3010
SHEET 4 OF 22 Tel. 703-521-2297
Young & Thompson

4 / 22

FIG.4A

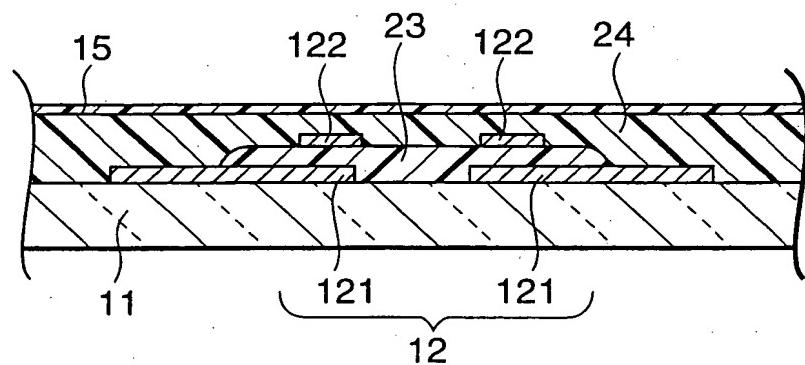


FIG.4B

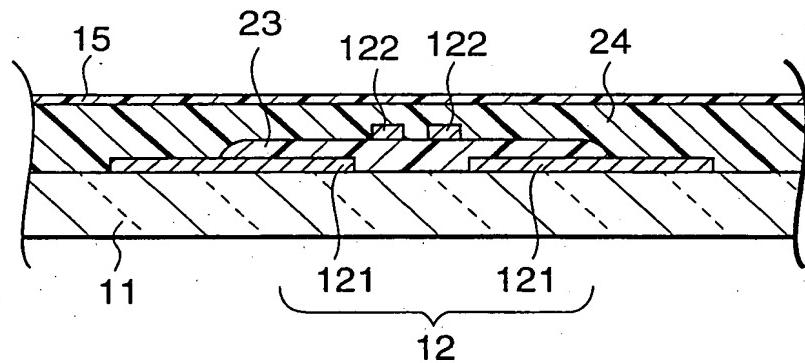
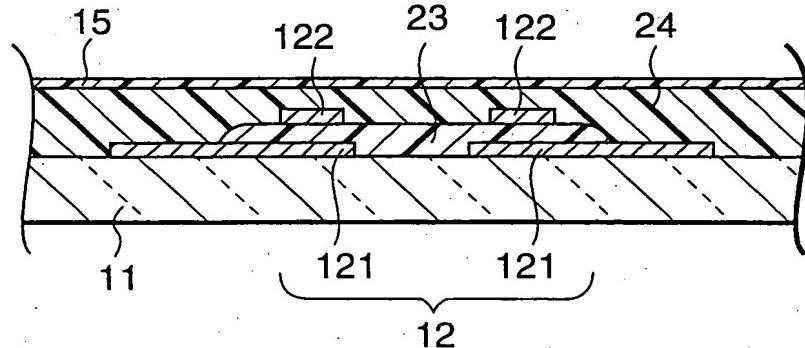


FIG.4C





APPLICANT: T. YOSHIOKA et al.
FILED: July 24, 2001 Allowed Dec 23, 2003
S.N. 09/910,792 CONFIRM NO. 3010
SHEET 5 OF 22 Tel. 703-521-2297
Young & Thompson

5 / 22

FIG.5A

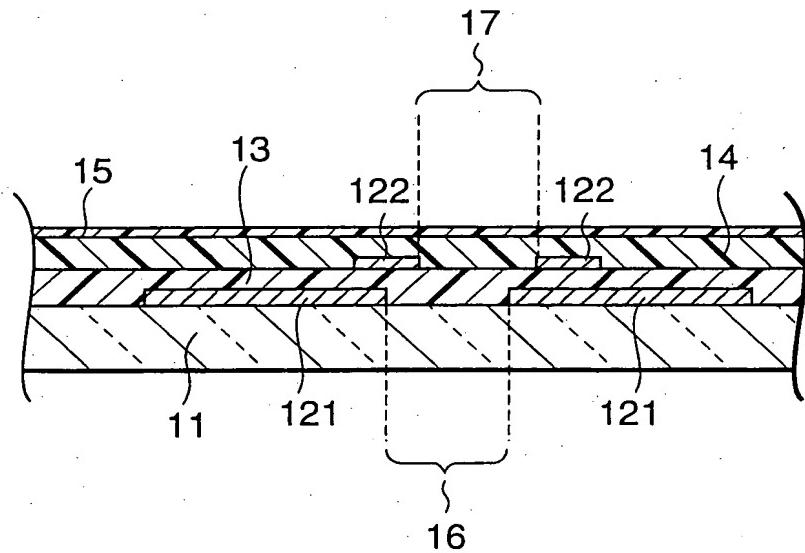
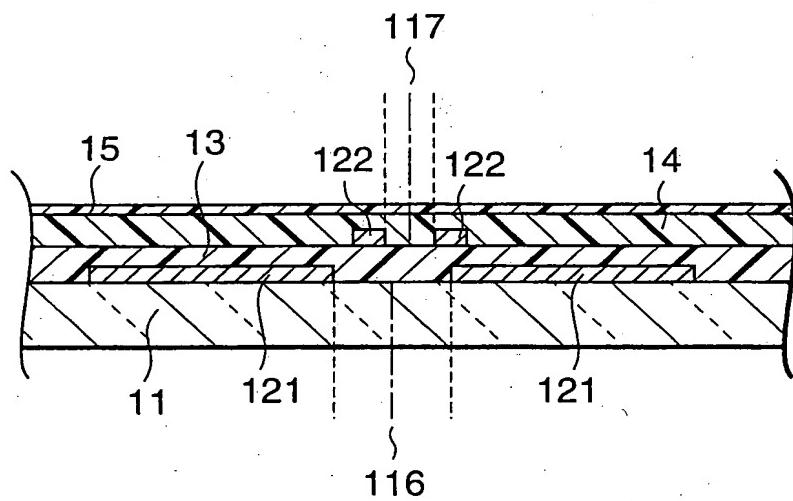


FIG.5B





APPLICANT: T. YOSHIOKA et al
FILED: July 24, 2001 Allowed Dec 23, 2003.
S.N. 09/910,792 CONFIRM NO. 3010
SHEET 6 OF 22 Tel. 703-521-2297
Young & Thompson

6 / 22

FIG.6A

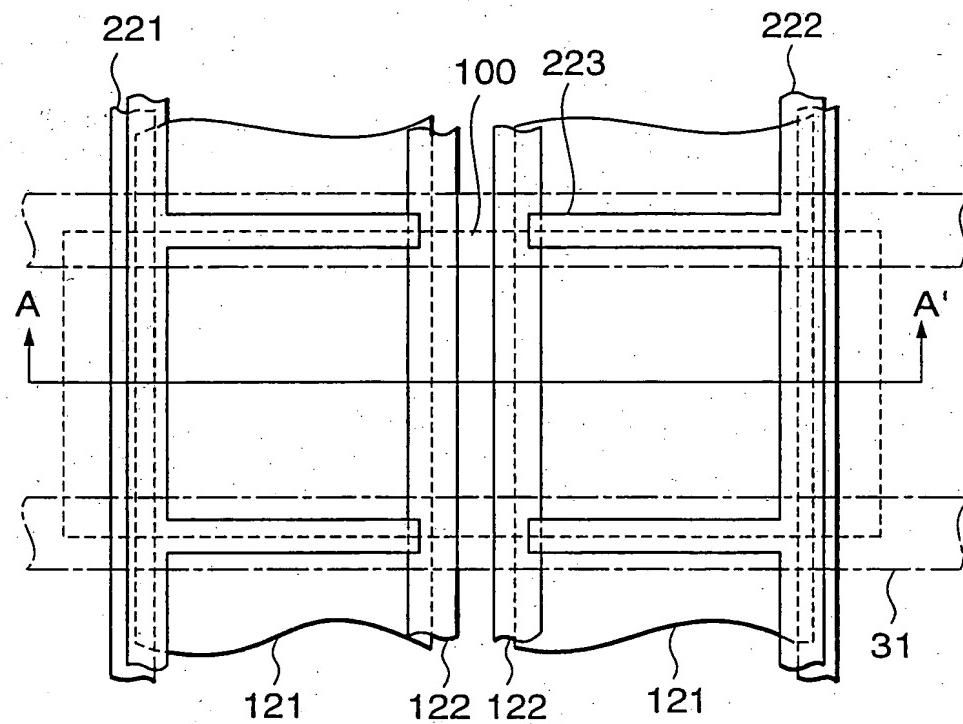
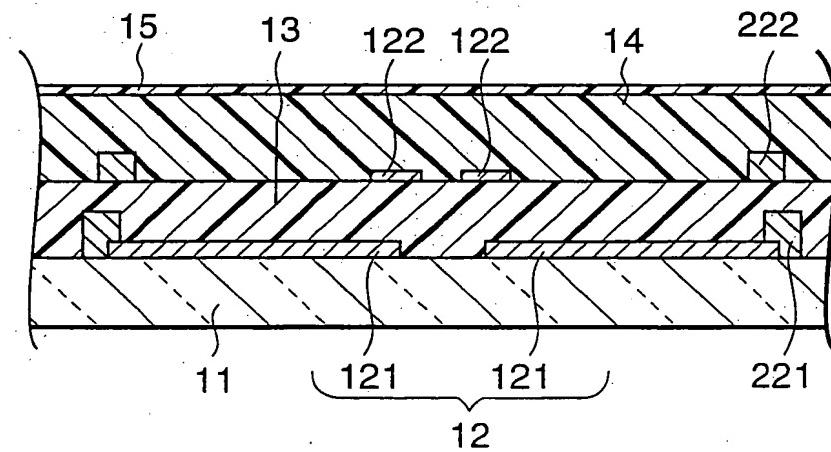
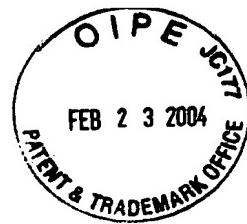


FIG.6B





APPLICANT: T. YOSHIOKA et al
FILED: July 24, 2001 Allowed Dec 23, 2003
S.N. 09/910,792 CONFIRM NO. 3010
SHEET 7 OF 22 Tel. 703-521-2297
Young & Thompson

7 / 22

FIG. 7A

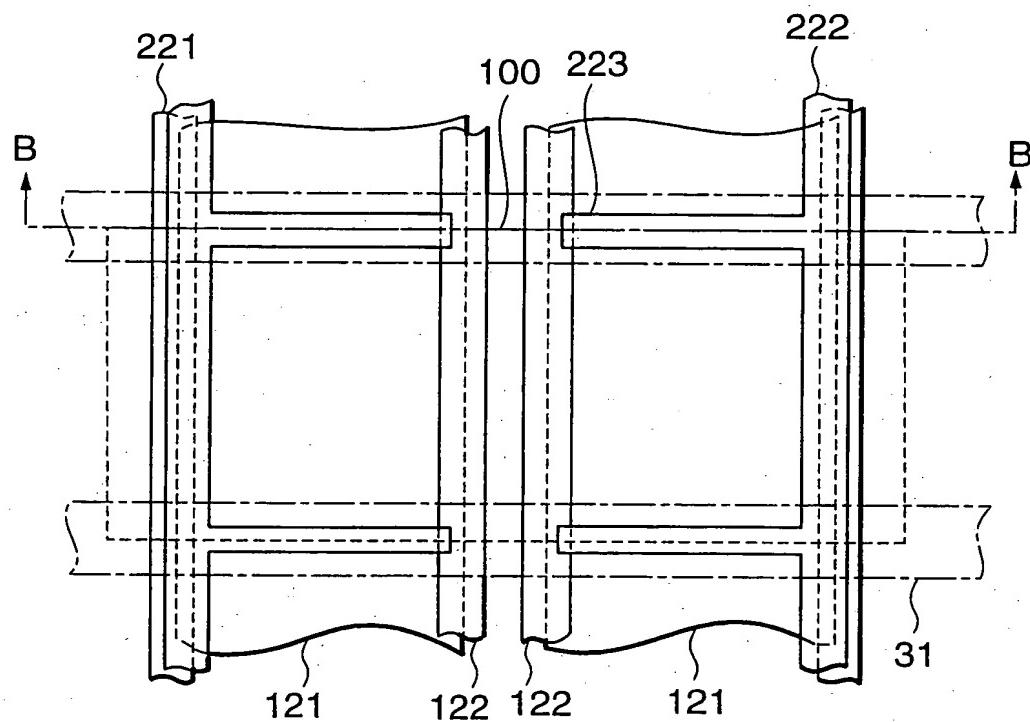
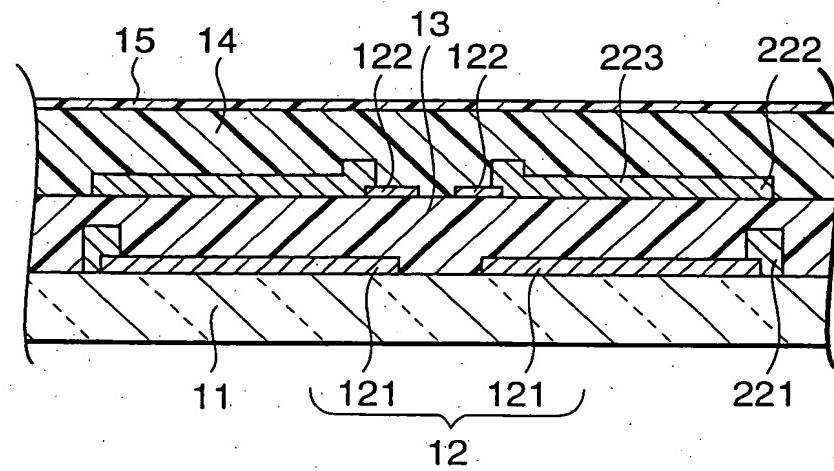


FIG. 7B





APPLICANT: T. YOSHIOKA et al
FILED: July 24, 2001 Allowed Dec 23, 2003
S.N. 09/910,792 CONFIRM NO. 3010
SHEET 8 OF 22 Tel. 703-521-2297
Young & Thompson

8 / 22

FIG.8A

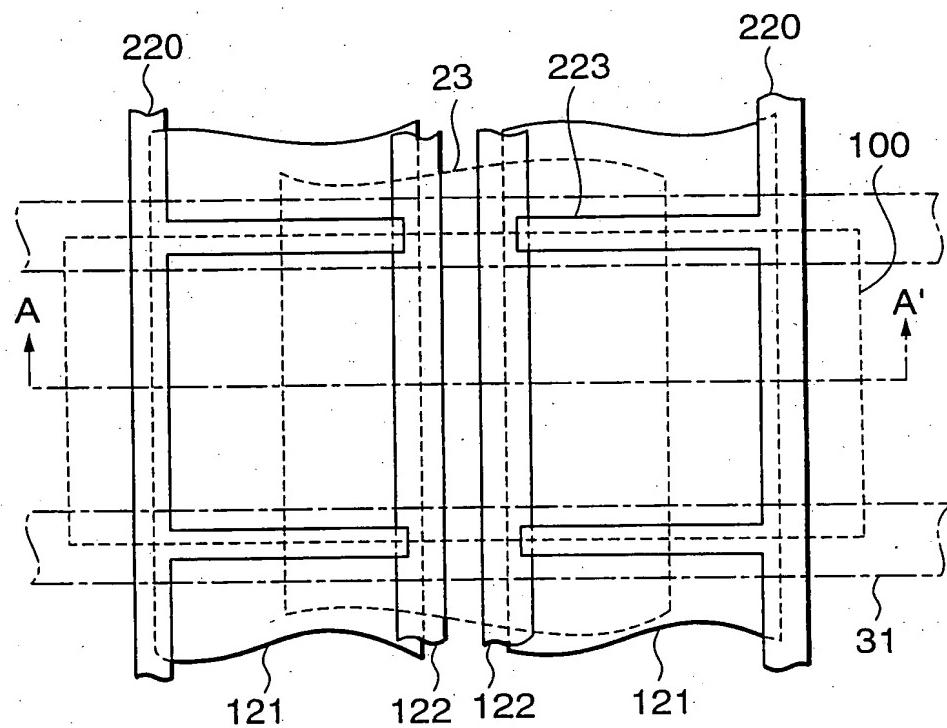
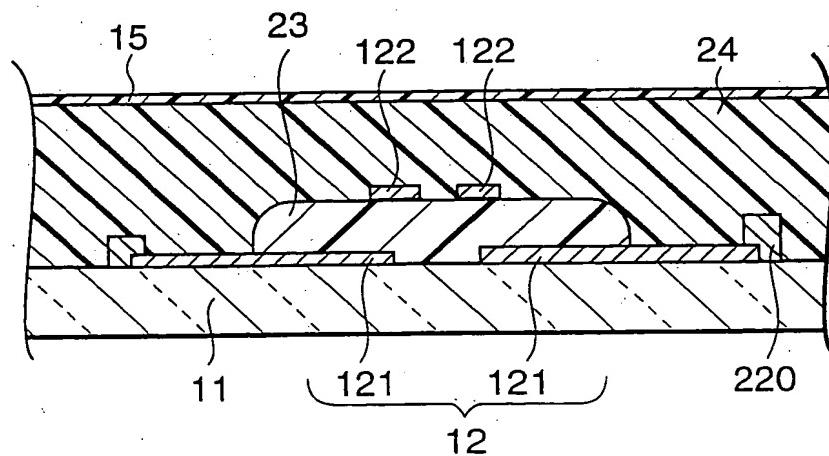


FIG.8B





APPLICANT: T. YOSHIOKA et al
FILED: July 24, 2001 Allowed Dec 23, 2003
S.N. 09/910,792 CONFIRM NO. 3010
SHEET 9 OF 22 Tel. 703-521-2297
Young & Thompson

9 / 22

FIG.9A

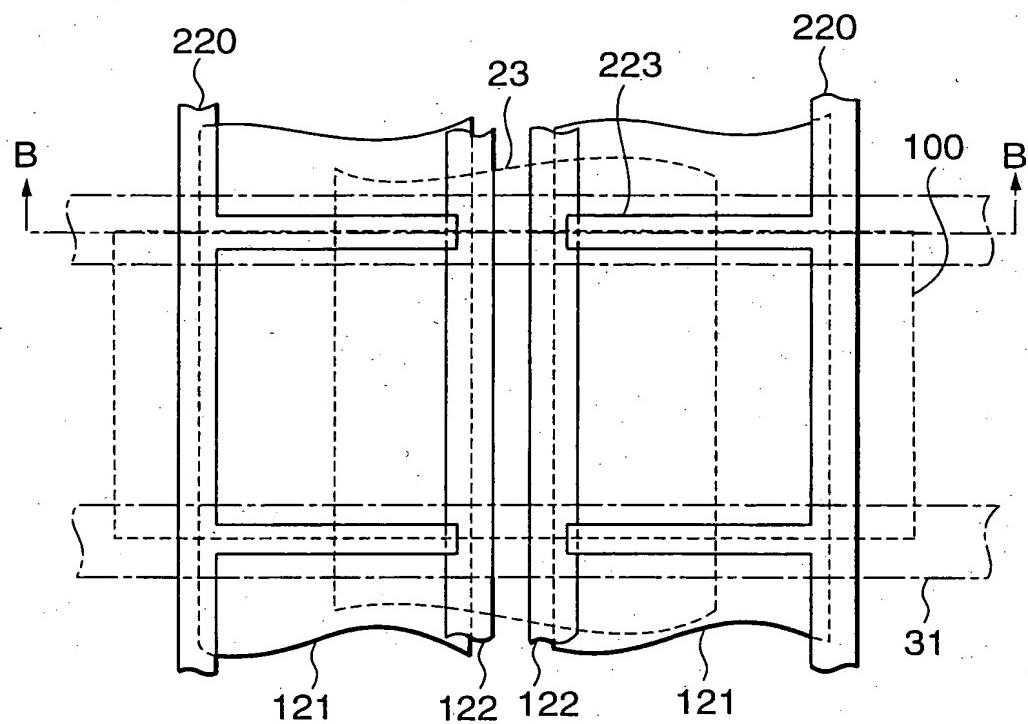
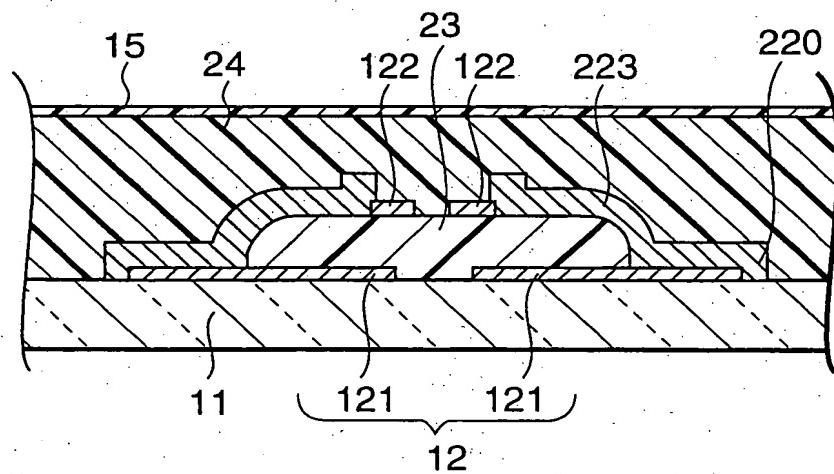


FIG.9B





APPLICANT: T. YOSHIOKA et al.
FILED: July 24, 2001 Allowed Dec 23, 2003
S.N. 09/910,792 CONFIRM NO. 3010
SHEET 10 OF 22 Tel. 703-521-2297
Young & Thompson

10 / 22

FIG. 10A

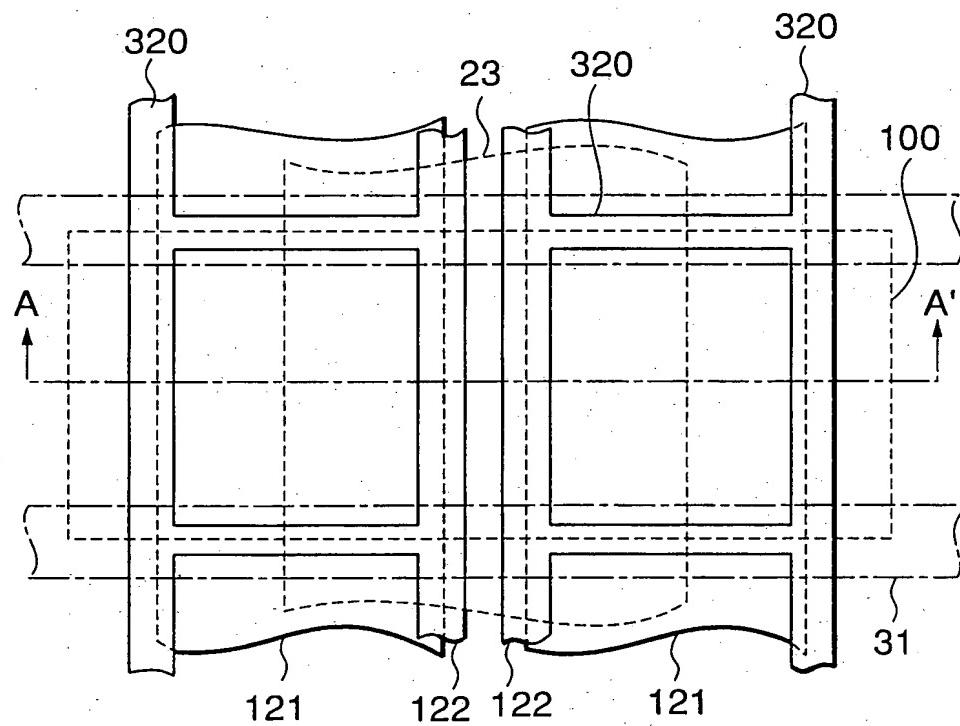
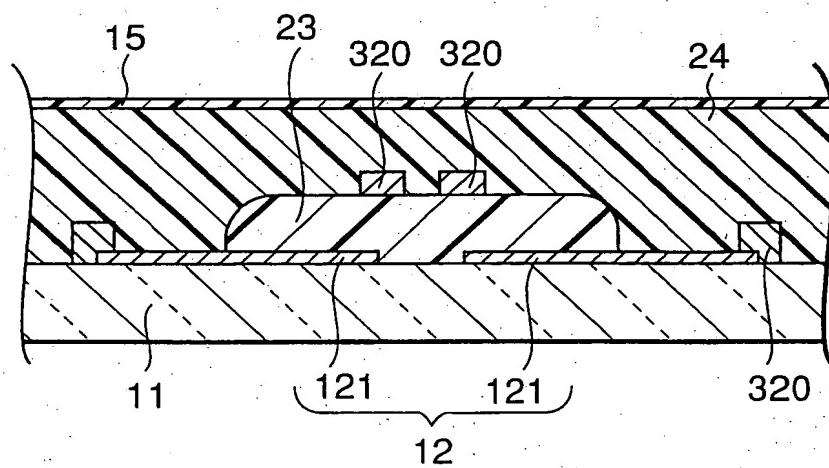


FIG. 10B





APPLICANT: T. YOSHIOKA et al
FILED: July 24, 2001 Allowed Dec 23, 2003
S.N. 09/910,792 CONFIRM NO. 3010
SHEET 11 OF 22 Tel. 703-521-2297
Young & Thompson

11 / 22

FIG.11A

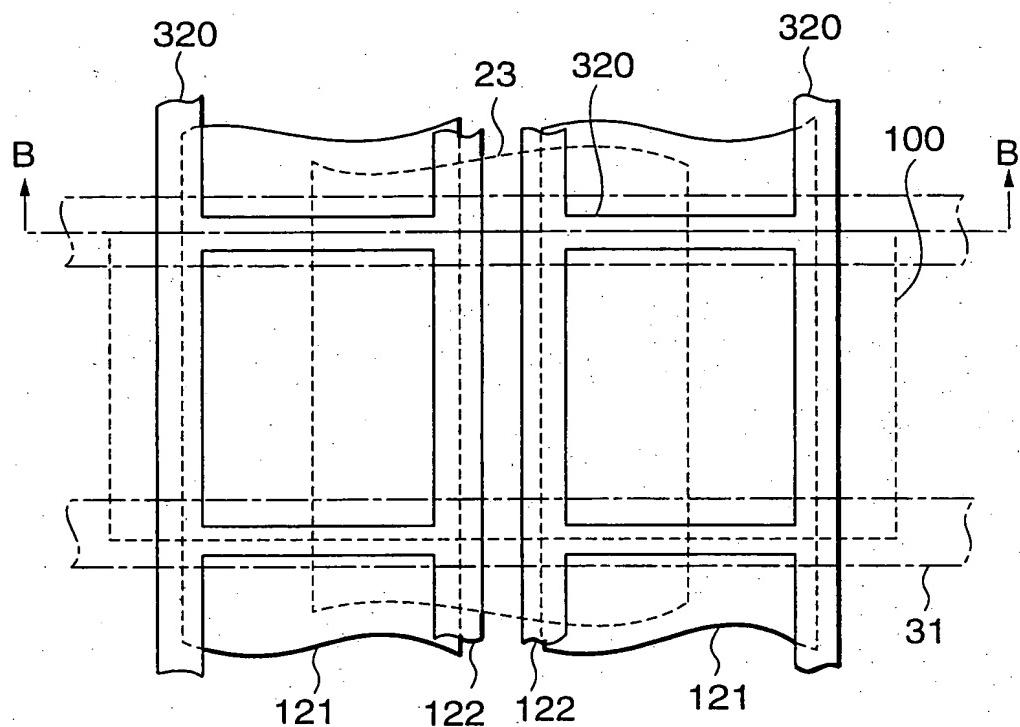
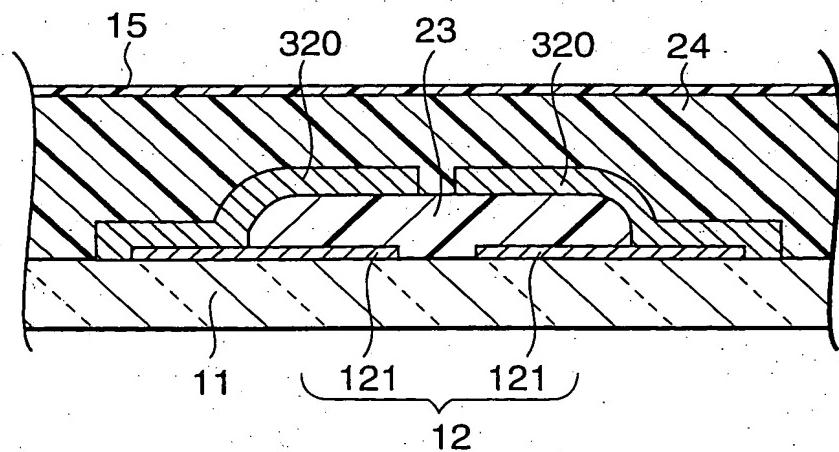


FIG.11B





APPLICANT: T. YOSHIOKA et al.
FILED: July 24, 2001 Allowed Dec 23, 2003
S.N. 09/910,792 CONFIRM NO. 3010
SHEET 12 OF 22 Tel. 703-521-2297
Young & Thompson

12 / 22

FIG.12A

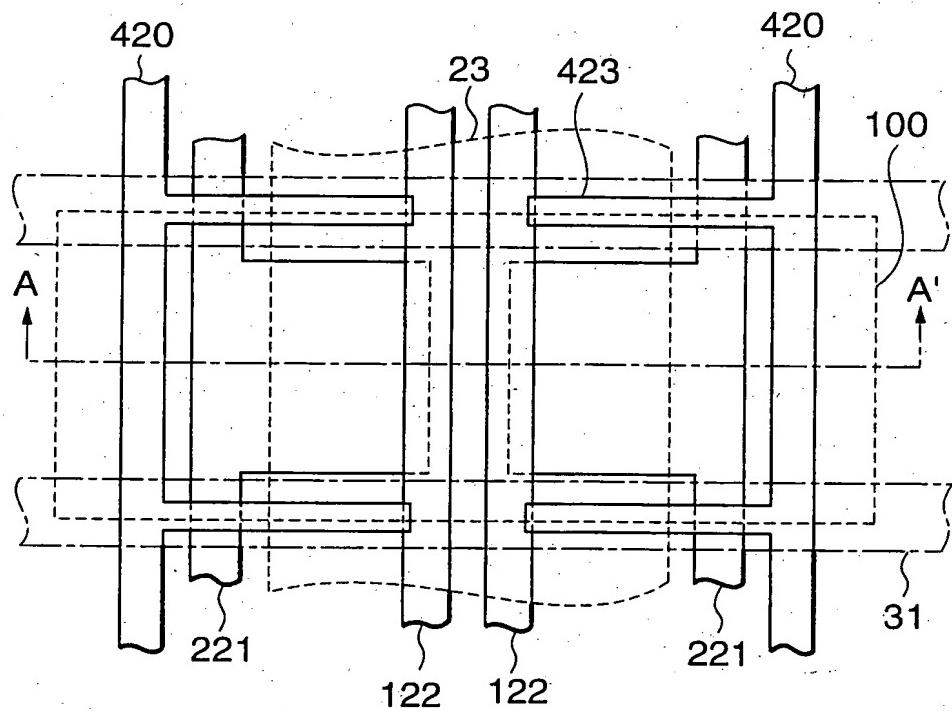
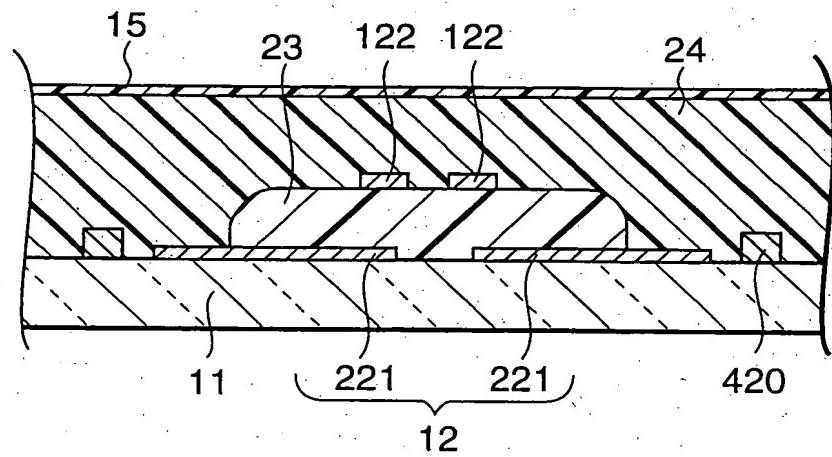


FIG.12B





APPLICANT: T. YOSHIOKA et al
FILED: July 24, 2001 Allowed Dec 23, 2003
S.N. 09/910,792 CONFIRM NO. 3010
SHEET 13 OF 22 Tel. 703-521-2297
Young & Thompson

13 / 22

FIG.13A

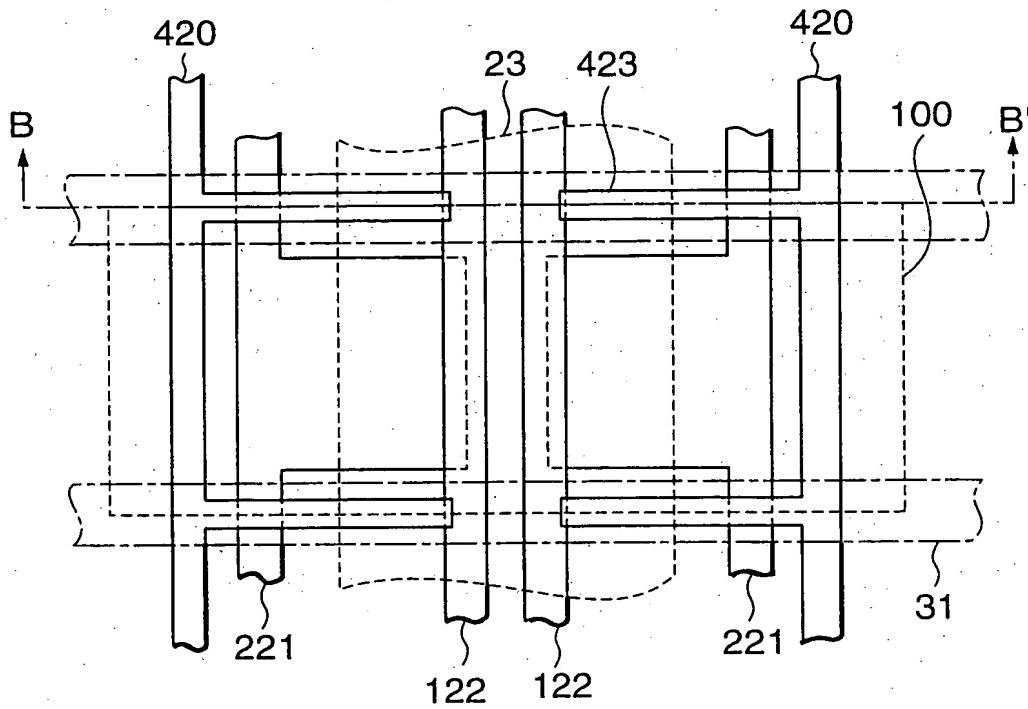
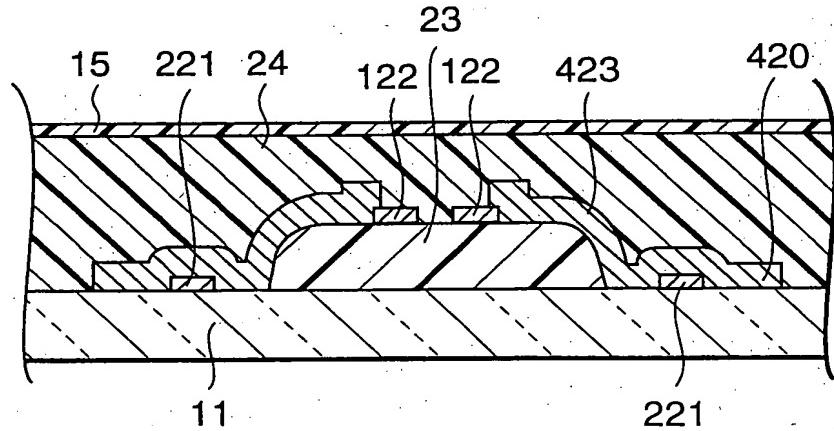


FIG.13B



O I P E
FEB 23 2004
PATENT & TRADEMARK OFFICE
LAW

APPLICANT: T. YOSHIOKA et al.
FILED: July 24, 2001 Allowed Dec 23, 2003
S.N. 09/910,792 CONFIRM NO. 3010
SHEET 14 OF 22 Tel. 703-521-2297
Young & Thompson

14 / 22

FIG.14A

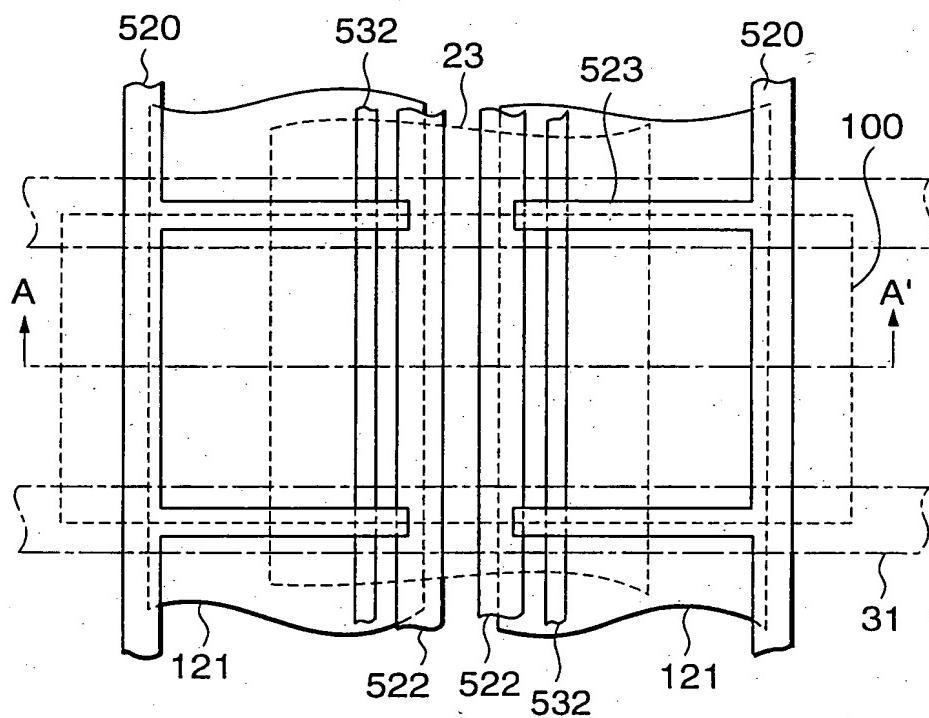
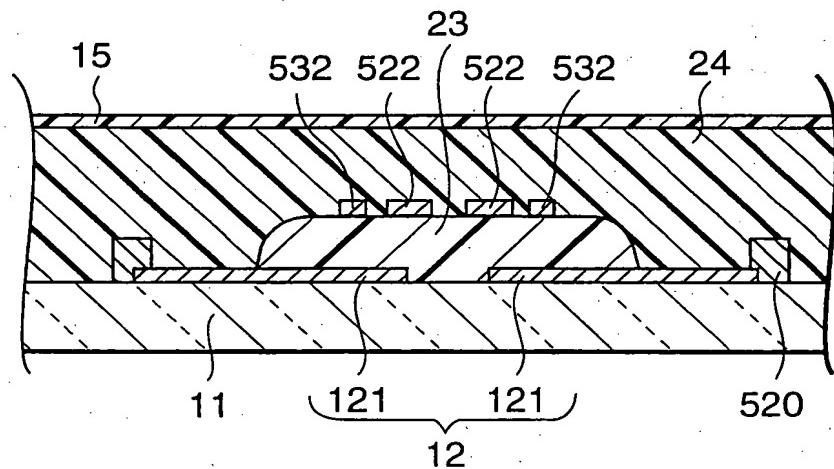


FIG.14B





15 / 22

FIG.15A

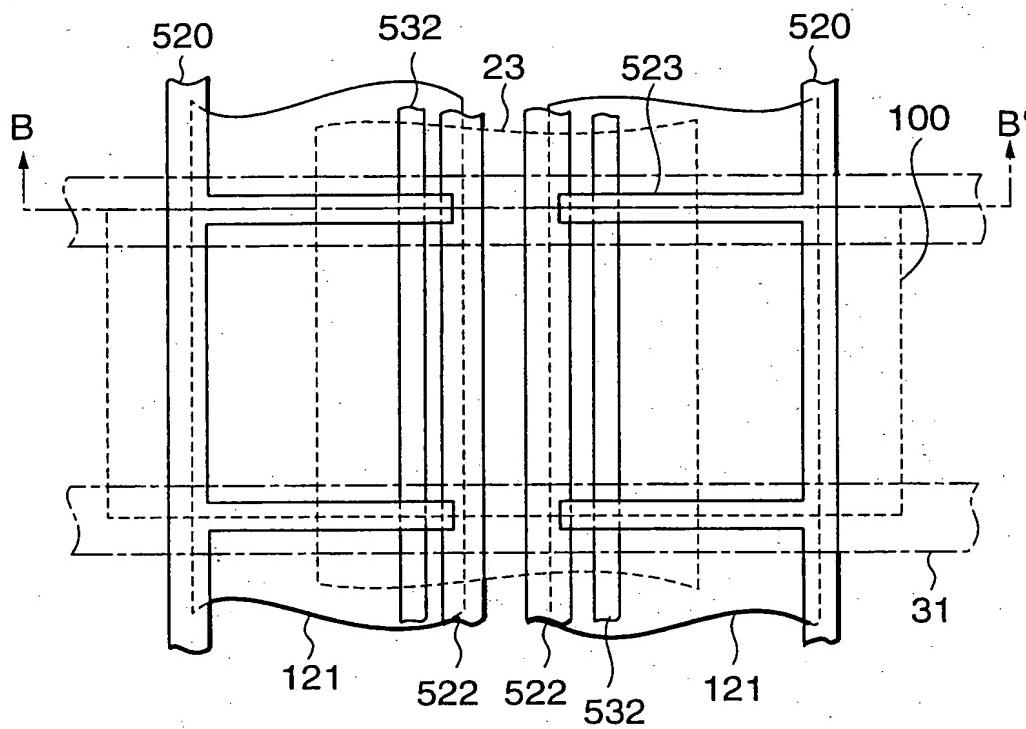


FIG.15B

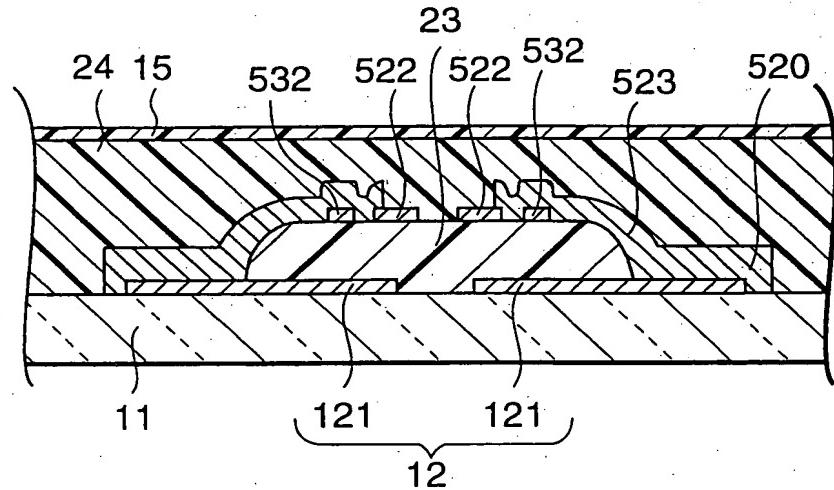


FIG.16A

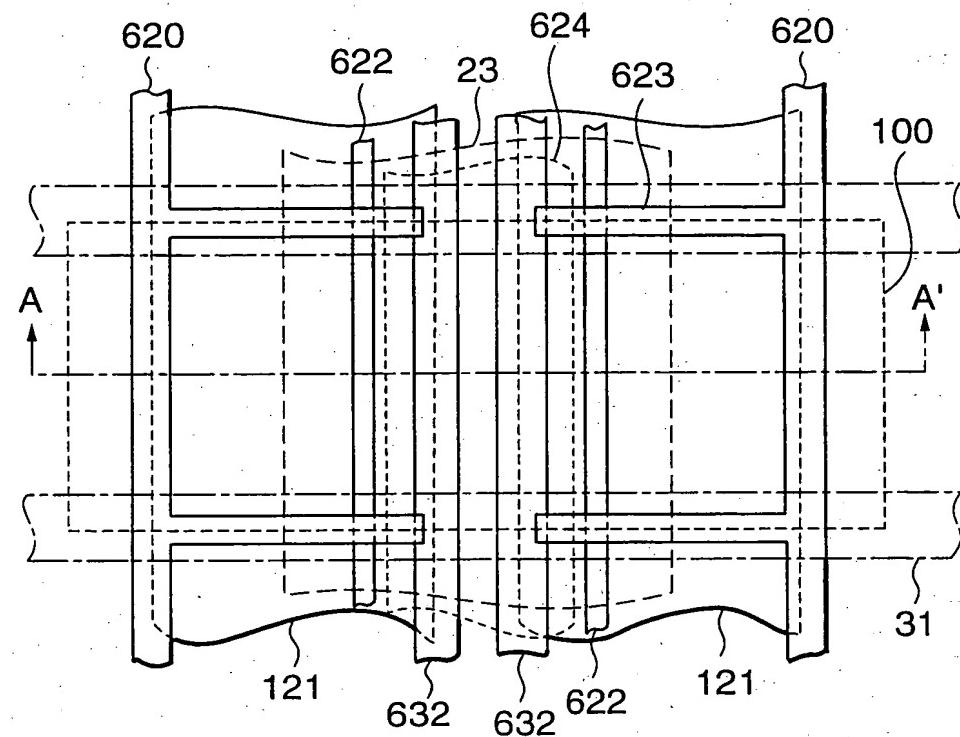
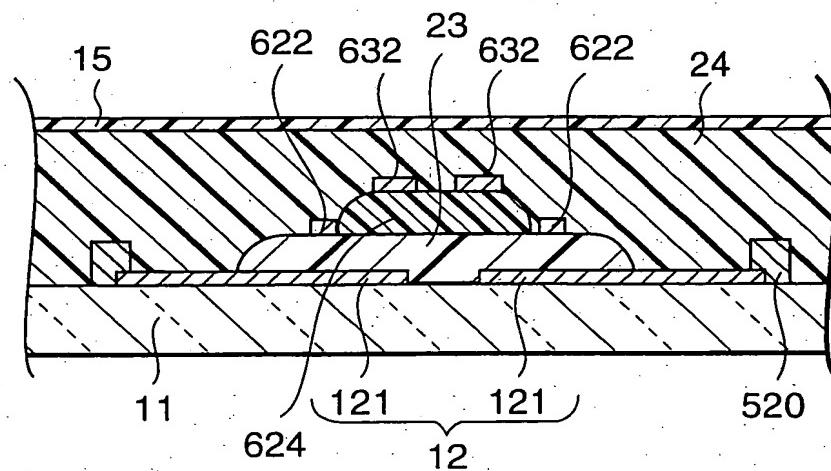


FIG.16B





APPLICANT: T. YOSHIOKA et al.
FILED: July 24, 2001 Allowed Dec 23, 2003
S.N. 09/910,792 CONFIRM NO. 3010
SHEET 17 OF 22 Tel. 703-521-2297
Young & Thompson

17 / 22

FIG. 17A

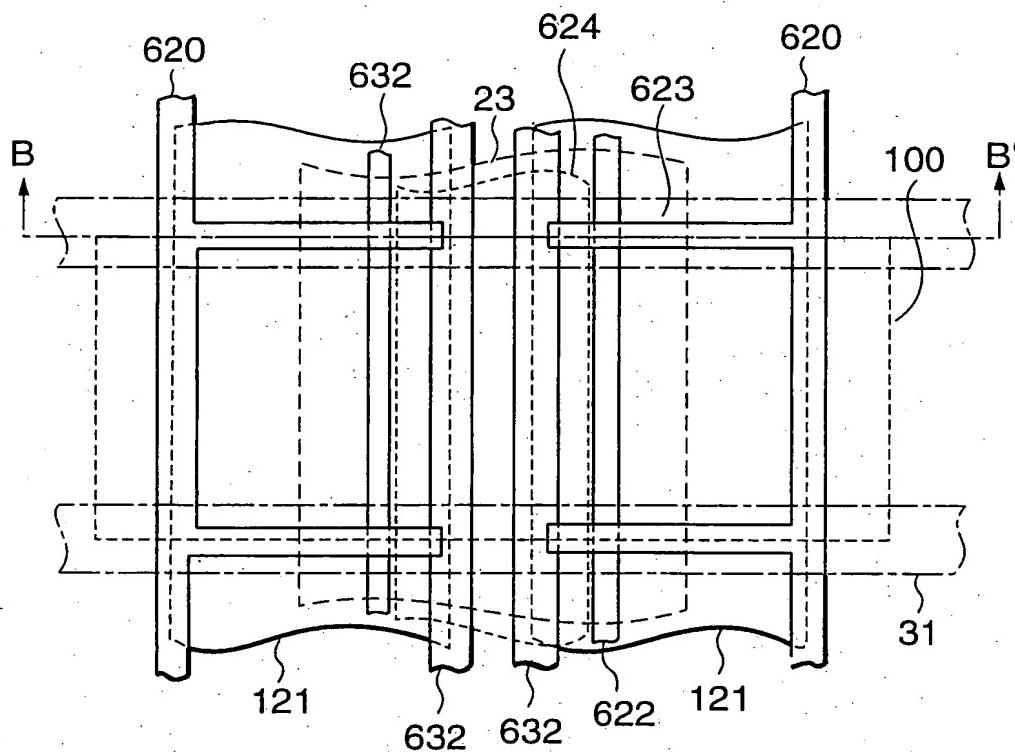
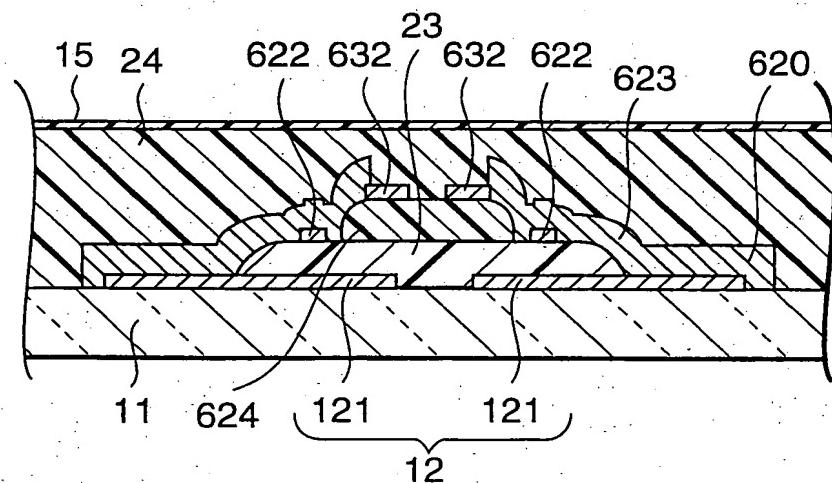


FIG. 17B



O I P E J C T Y
FEB 23 2004
PATENT & TRADEMARK OFFICE

APPLICANT: T. YOSHIOKA et al.
FILED: July 24, 2001 Allowed Dec 23, 2003
S.N. 09/910,792 CONFIRM NO. 3010
SHEET 18 OF 22 Tel. 703-521-2297
Young & Thompson

18 / 22

FIG.18A

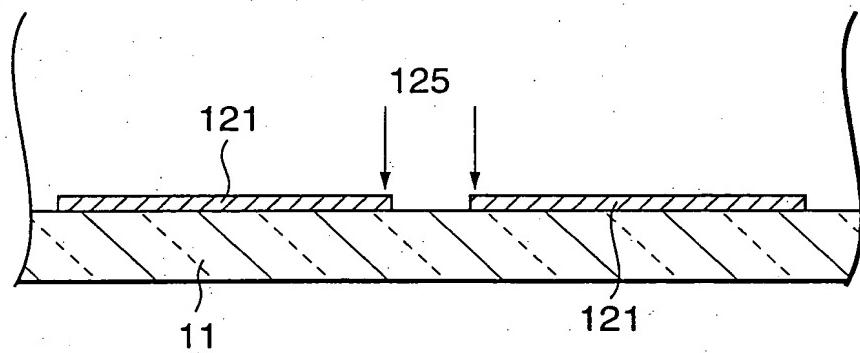


FIG.18B

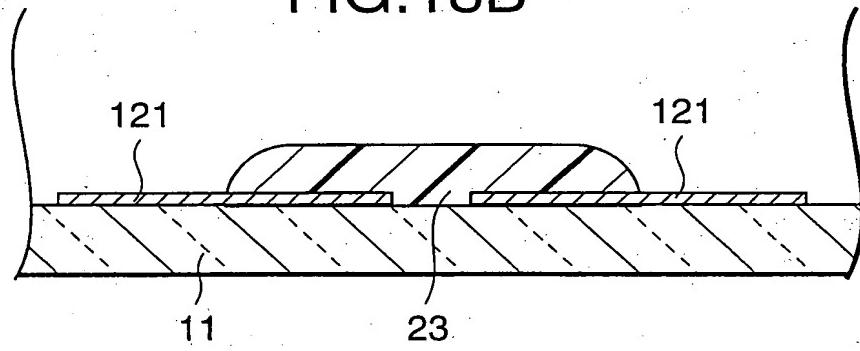
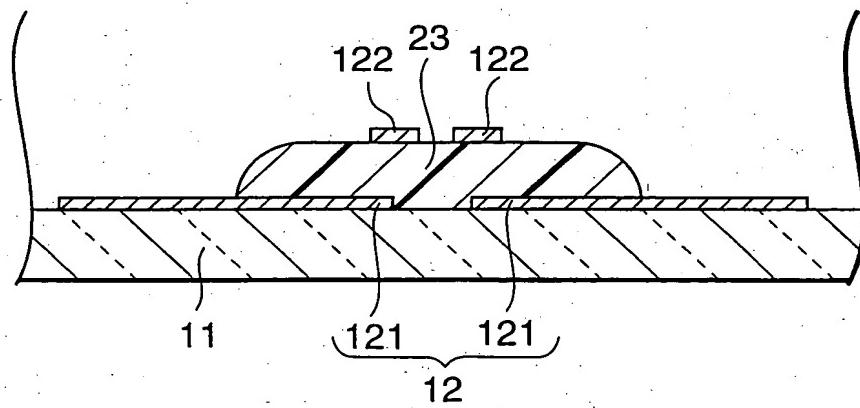


FIG.18C





APPLICANT: T. YOSHIOKA et al
FILED: July 24, 2001 Allowed Dec 23, 2003
S.N. 09/910,792 CONFIRM NO. 3010
SHEET 19 OF 22 Tel. 703-521-2297
Young & Thompson

19 / 22

FIG.19A

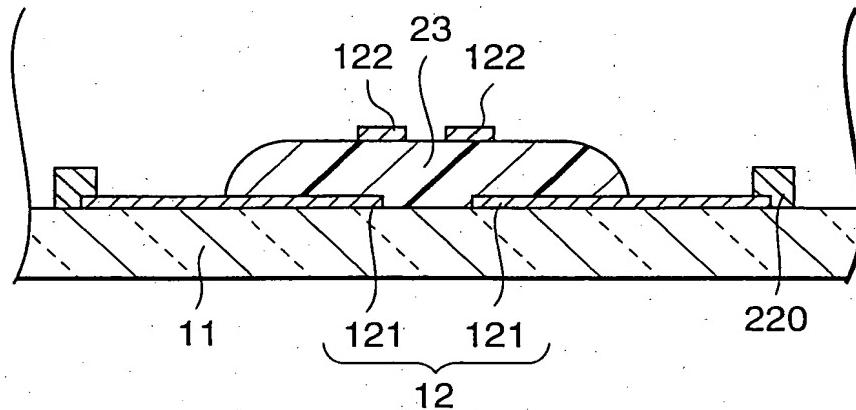


FIG.19B

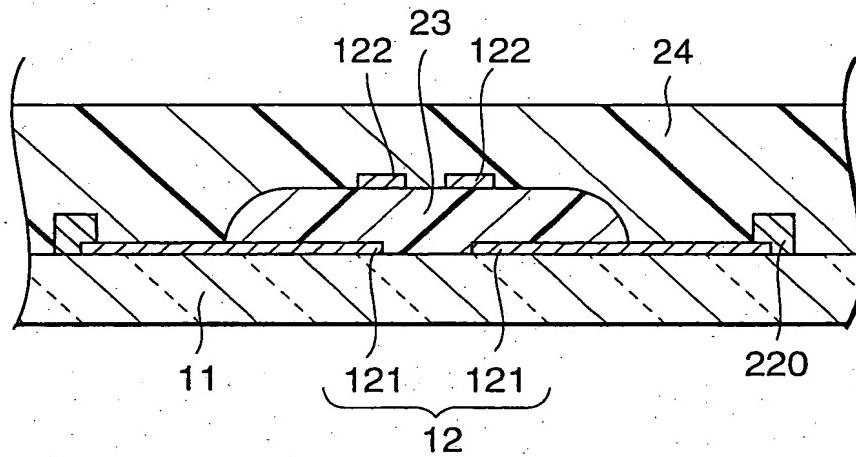
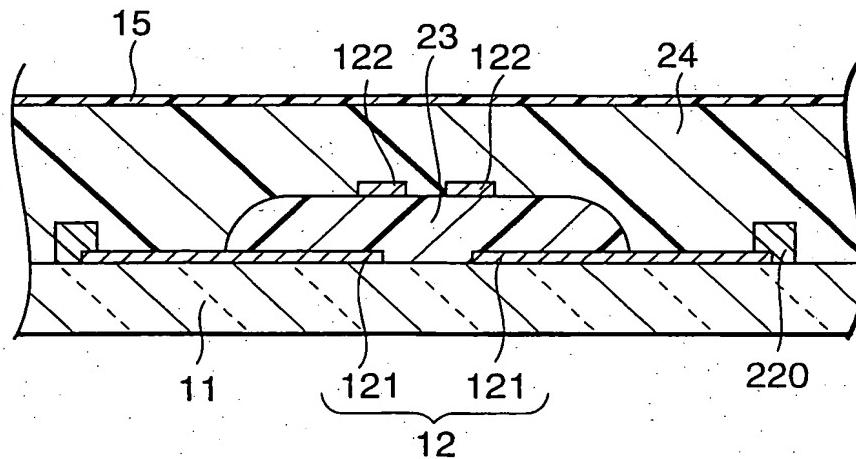


FIG.19C



O I P E
FEB 23 2004
PATENT & TRADEMARK OFFICE

APPLICANT: T. YOSHIOKA et al.
FILED: July 24, 2001 Allowed Dec 23, 2003
S.N. 09/910,792 CONFIRM NO. 3010
SHEET 20 OF 22 Tel. 703-521-2297
Young & Thompson

20 / 22

FIG.20A
(PRIOR ART)

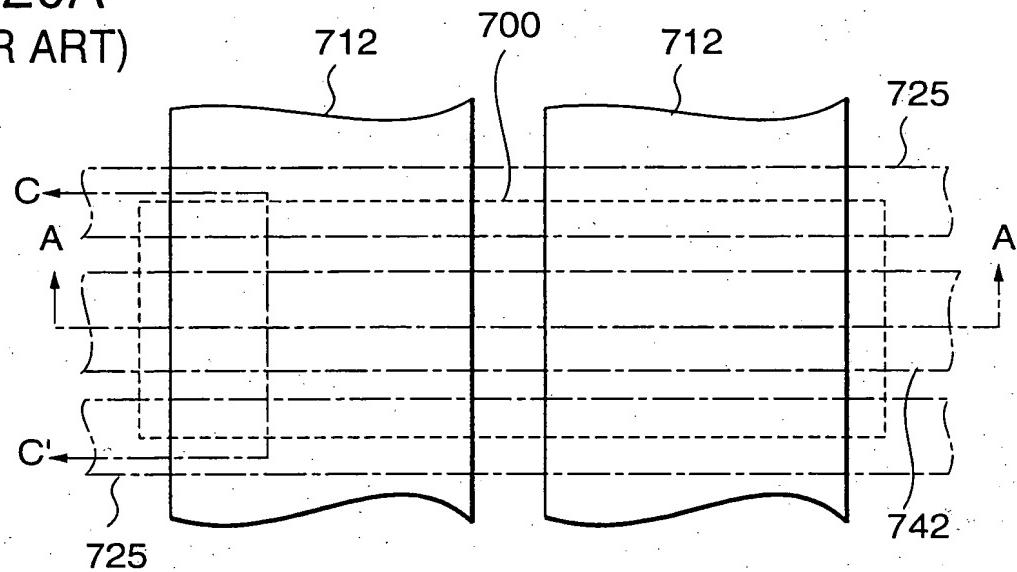


FIG.20B
(PRIOR ART)

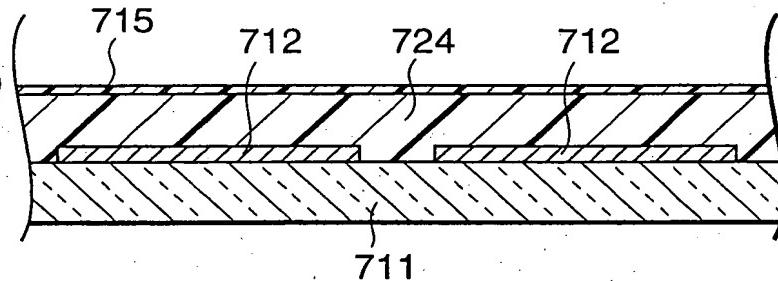
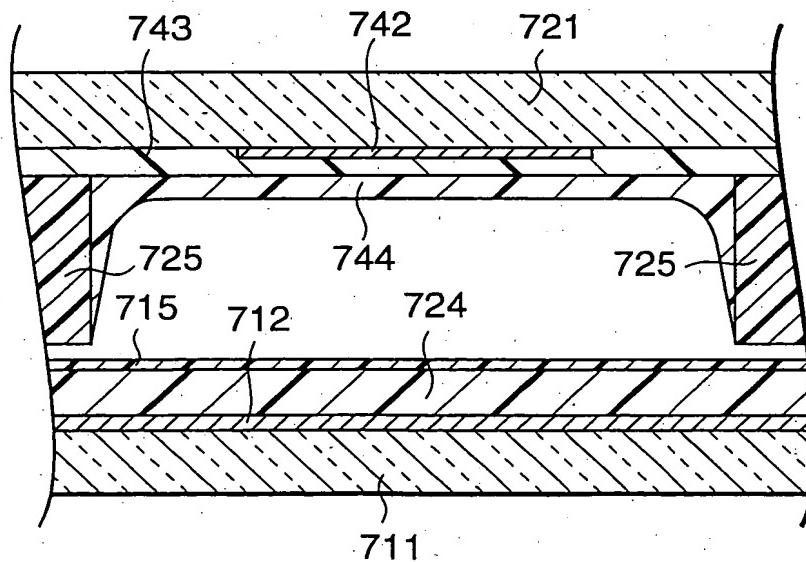


FIG.20C
(PRIOR ART)





APPLICANT: T. YOSHIOKA et al.
FILED: July 24, 2001 Allowed Dec 23, 2003
S.N. 09/910,792 CONFIRM NO. 3010
SHEET 21 OF 22 Tel. 703-521-2297
Young & Thompson

21 / 22

FIG.21A
(PRIOR ART)

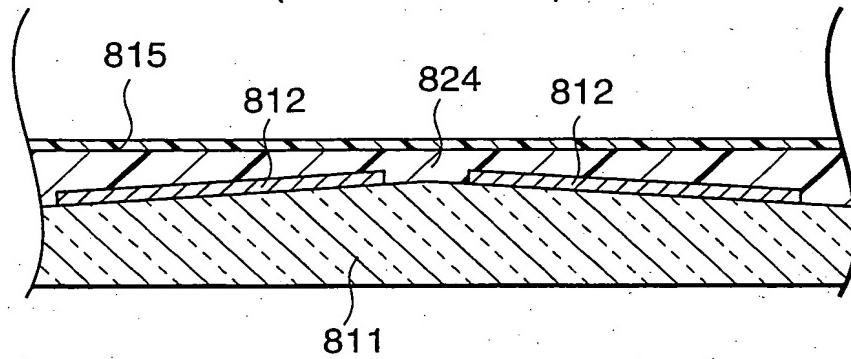
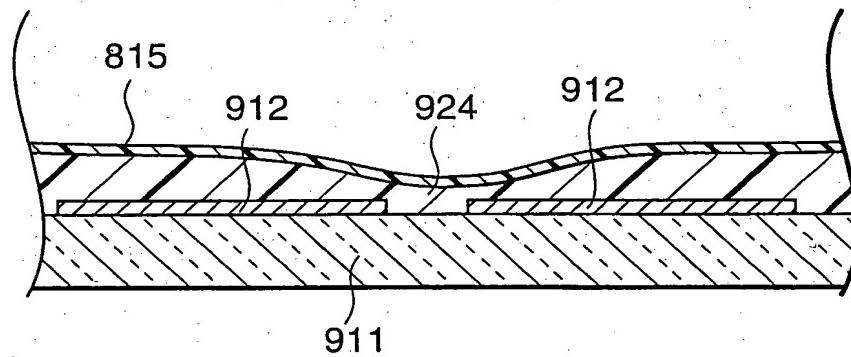


FIG.21B
(PRIOR ART)





22 / 22

FIG.22

